

Approved For Release 2001/09/04 : CIA-RDP84-00933R000500050004-0

File 5/1/8

20 581

SAFE STEERING COMMITTEE

MEETING 30 MAY 1980

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AGENDA

Status of Technical Effort  
Award Fee Determinations  
Commonality, Compatibility and Related Topics  
Administrative Status  
Issues and Related Actions  
Discussion

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TECHNICAL DEVELOPMENT

- o System Requirements Review
- o System Design
- o Data Base Management System
- o ADPE Procurement
- o Wideband Communications
- o User Language
- o Conversion Requirements

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SYSTEM REQUIREMENTS REVIEW ( SRR )

- o CONSOLIDATED SAFE REQUIREMENTS DOCUMENT (CSRD) - FUNCTIONAL  
LEVEL SPEC (A-SPEC) BASELINE - SYSTEM DESIGN
- o A-SPEC DRAFT - 17 DEC 79
- o DESIGN PROBLEM REPORTS (DPRs) - CSRD/A-SPEC
- o SYSTEM REQUIREMENTS REVIEW/A-SPEC COMMENTS - 21-22 JAN 80
- o FINAL SRR DISPOSITION MEETING AT CSPO: 12-15 FEB 80
- o A-SPEC APPROVAL: 10 MAR 80
  - a525 DPRs IDENTIFIED CSRD/A-SPEC
  - a485 DPRs RESOLVED
- o ALL RESOLVED DPRs INCORPORATED INTO A-SPEC
- o UNRESOLVED DPRs IDENTIFIED AS CSPO [REDACTED] ACTION ITEMS

STATINTL

SYSTEM DESIGN

c ACTIVITIES

- INITIAL ALLOCATION OF REQUIREMENTS
- DESIGN WORK
  - SUBSYSTEM
    - UNIT DEFINITION
    - INTERFACE DEFINITION
    - OPTIMIZING FUNCTIONS
  - TRADE-OFFS
    - SIMPLIFYING REQUIREMENTS

o PROBLEM

- CHANGE ACTIVITY FROM SRR - STRETCH OUT SDR

DATA BASE MANAGEMENT SYSTEM

- o ACCOMPLISHMENTS/ACTIVITIES
  - IDENTIFIED OVER 65 COMMERCIAL DBMS PACKAGES
  - PRELIMINARY EVALUATION SCREENING - 10
  - REQUEST FOR DATA - 8 FEB 80
  - RESPONSES REVIEWED FROM 4-7 MARCH @TRW
  - EVALUATION COMPLETED - 25 MAR 80
  - DBMS SELECTION
    - INTEGRAL COMPONENT OF ADPE PROCUREMENT
    - FURTHER EVALUATION AFTER SELECTION

ADPE PROCUREMENT

c ACCOMPLISHMENTS/ACTIVITIES

- SAFE TERMINAL WILL BE GFE (CHANGE ORDER 10)
- RFP FOR COMPUTERS (MAXI/MIDI) AND INTER-COMPUTER COMM
  - RELEASED 2 APRIL
  - 42 VENDORS
  - EVALUATION PLAN REVIEWED BY GOVERNMENT
- SCHEDULE
  - PROPOSALS DUE 9 JUNE
  - EVALUATION COMPLETED BY JULY 1980
  - SELECTION IN AUGUST 1980
- GOVERNMENT PARTICIPATION
  - BASIC EVALUATION [REDACTED] ACTIVITY
  - LIMITED NUMBER OF GOVERNMENT PEOPLE INFORMED  
AS TO STATUS
  - APPROVAL  
RFP  
EVALUATION PLAN  
SELECTION

STATINTL



WIDEBAND COMMUNICATIONS

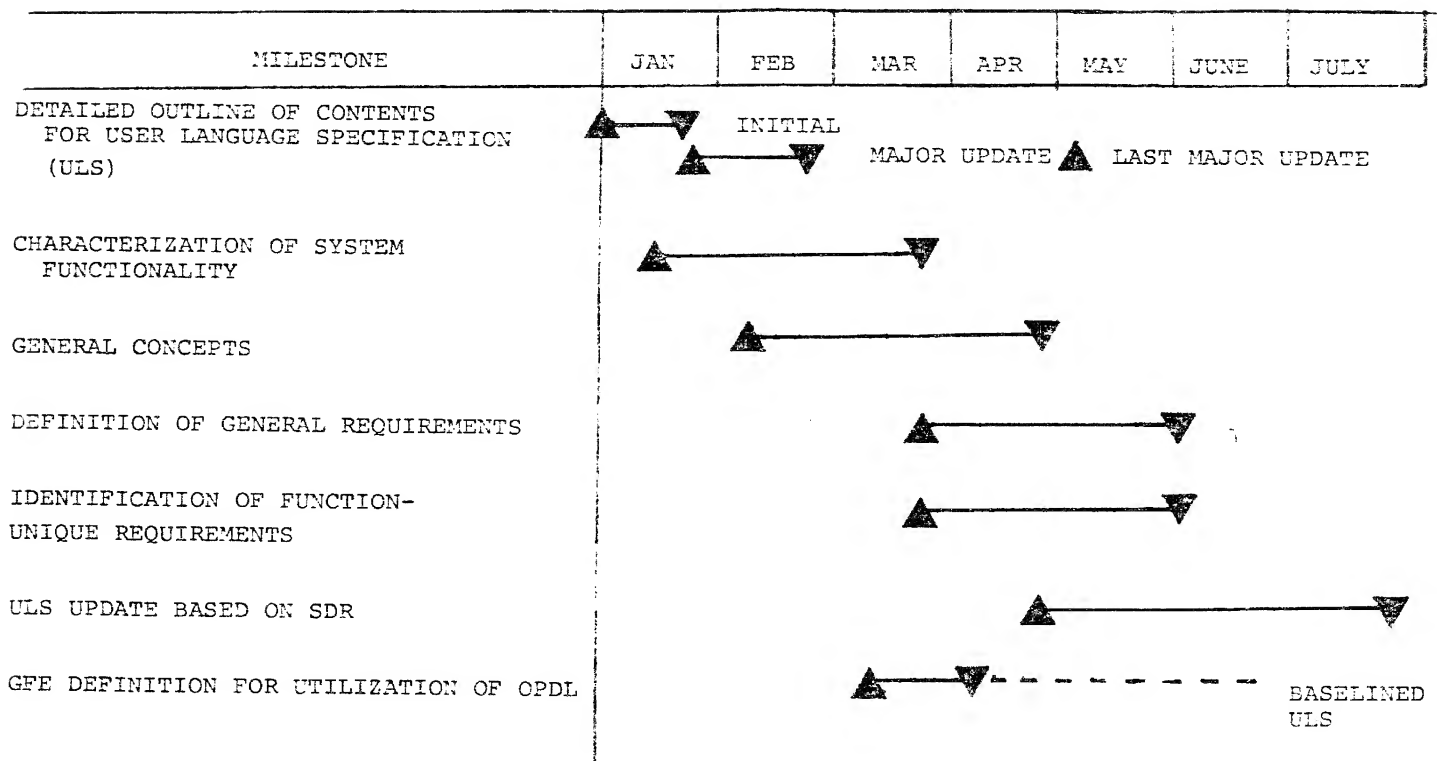
o Accomplishments/Activities

- Expanded Scope of Contract
  - Cable throughout Langley HQ
  - Additional funds from DDO/Commo
- Started Installation - 7 April
- Initiated action to develop WBCS components for DIA (BUS Interface Units)
- Contingency plans for possible delay in CRYPTOC Equipment
  - Working with Commo/Security

o Problems

- NSA Schedule for KG's later than contractor's need date

SAFE USER LANGUAGE DEVELOPMENT



SAFE D CONVERSION REQUIREMENTS REVIEW (CRR)

STATINTL

o Major Inputs

- File, Program, Product Data (CFSI Collection Effort)
- [REDACTED] Design
- DBMS
- User Language
- Logical Data Dictionary (CFSI)

STATINTL

o Preliminary CRR Document @ 1 Aug 80

- File/Program/Product Definitions
- [REDACTED] Design
- Conversion "Sets"

File/Product/Program Utilized in Current Format

File/Product/Programs Deleted

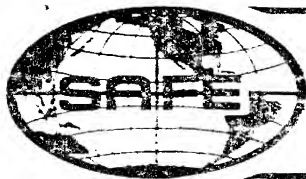
File/Product/Programs Converted to SAFE D Data Base

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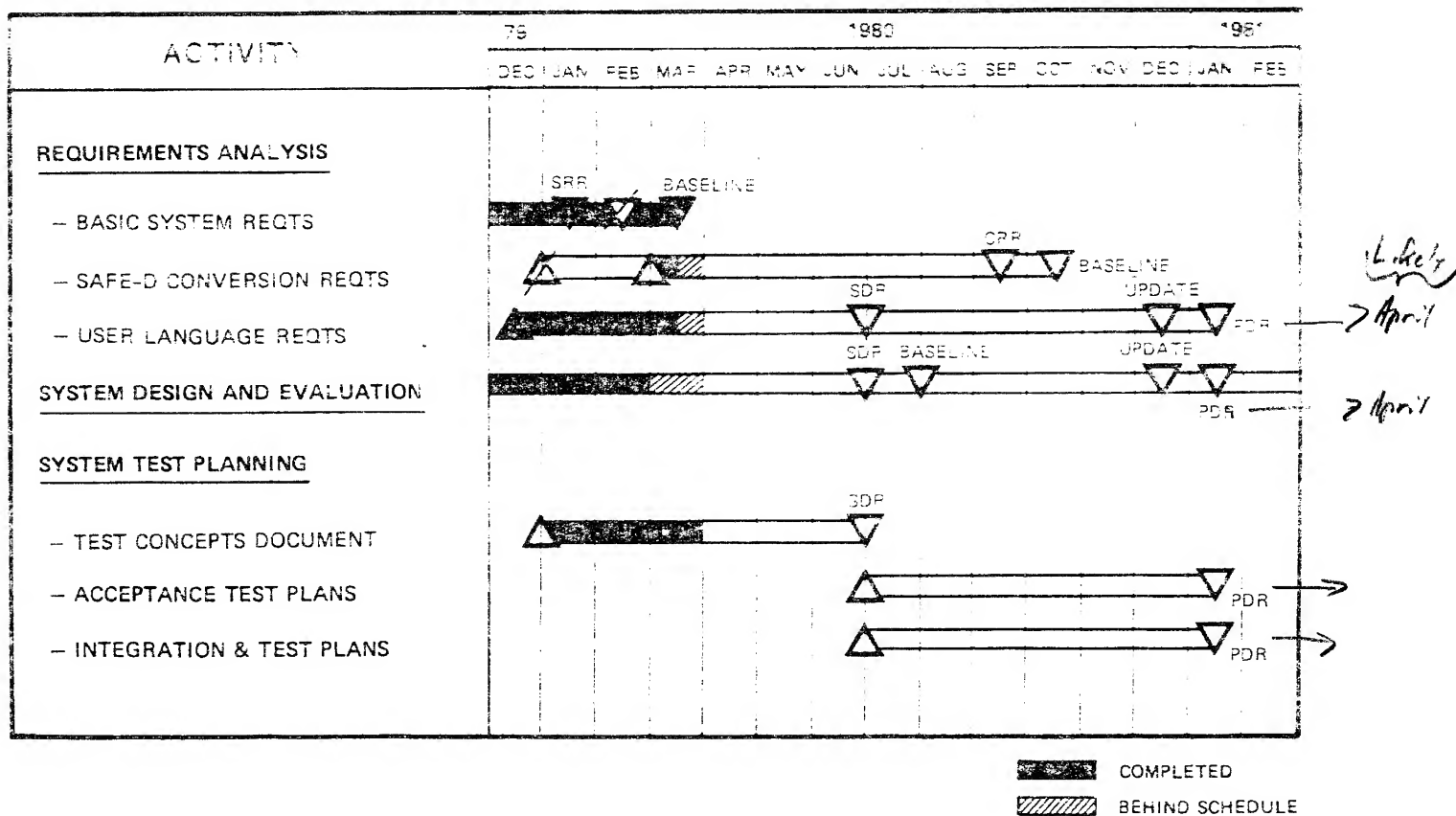
SAFE D CONVERSION REQUIREMENTS REVIEW (CONT'D)

- o CRR @ September 1980
  - Finalize CRR Document
  - Preliminary Conversion Plan Through IOC
    - Resources
    - Application Software Development
    - Conversion Aids Software Development
    - Definition of Conversion Data Base
    - Detailed Schedule Thru IOC

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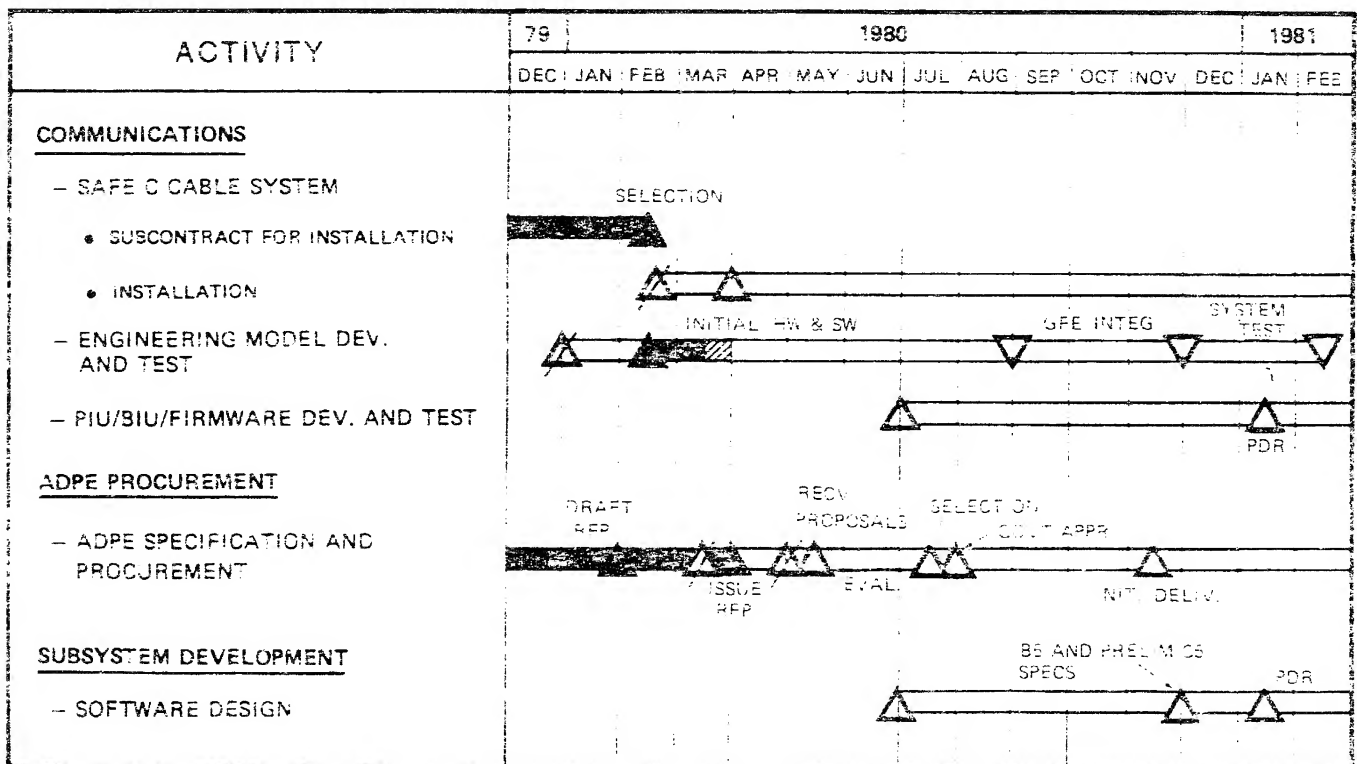


## SCHEDULE STATUS AND NEAR-TERM PLANS





## SCHEDULE STATUS AND NEAR-TERM PLANS



COMPLETED

BEHIND SCHEDULE

AWARD FEE (PERIOD: 1 OCT 79 - 31 MAR 80)

AREA	WT	1ST PD	2ND PD
TECH PERF	50	65	76
MANAGEMENT	25	75	71
SCHEDULE	20	95	90
SECURITY	5	98	90

1ST PERIOD

AVAILABLE: \$365K

AWARDED : \$274K

% : 75

2ND PERIOD

AVAILABLE: \$317K

AWARDED : \$248K

% : 78

NEXT PERIOD: 1 APR - 30 SEP 80

AMOUNT : 365 + 10 (CARRYOVER) = \$375K

COMMONALITY/COMPATIBILITY

- o SAFE Terminal provided as GFE
  - Benefit: Commonality within Design/Inter Agency link
- o HPSC Question
  - Of requirements listed percentage of those common to both Agencies

ANSWER:

- CIA requirements 95% common to DIA
- DIA has diversity of functions unique to DIA
- Overall commonality estimated to be 60-75%
- o Provisions within HDW RFP to account for:
  - Hardware compatibility with existing Agency equipment (bonus)
  - Hardware incompatibility with existing Agency equipment (penalty)
  - Not driving factor for hardware selection



STATINTL

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DELIVERABLES THIS PERIOD

WBC/SKG Interface Specification

WBC/CM Interface Specification

Project and Management Plan

Financial Plan

System Requirements Specification

SAFE C to External Systems Interface Specification

SAFE D to External Systems Interface Specification

RFP for Computers and Inter-Computer Communications

STATINTL

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CHANGE ORDERS

- o 21 To date
  - o 11 No cost impact (Admin)
  - o 2 Cost reduction
  - o 8 Cost Impact (one funding provided; one large increase)
    - Lay basic design foundation
    - Building block approach to maintain IOC's (82 & 83)
    - Maintain Cost within budget through 84 *(incl. inflation factor)*
    - System expansion in blocks beyond IOC's

SIGNIFICANT CHANGE ORDERS

3	Extended Comm Capability	Funding Provided by Commo/ODP
8	Security Hardening of DF	Additional Cost Reflected in Overhead
10	Terminal GFE	Cost Reduction
17	Initial SRR Activity (57 DPR's)	Potential Large Cost (Sizing Increase)
18	Compartmented Mode (Security)	Cost Increase/Performance?
19	SRR Close Out (Additional DPR's)	Cost Increase
20	Inter Agency-Link LEDC	Cost Increase

*Multi-Level ?*

CONGRESSIONAL QUESTIONS

c House Permanent Select Committee

- Commonality Question (previously covered)  
what percentage? - overall 60-75%
- Either Agencies requirements been sacrificed  
to accommodate others needs? - No
- Have we saved any resources? - Yes
- Has system effectiveness been compromised  
to accommodate both Agencies needs? - No. Not yet.

CONGRESSIONAL QUESTIONS (cont'd)

o Senate Select Committee

- What are reasonable expectations about cost, schedule, performance?
- Answer
  - o No schedule or cost changes in past year
  - o Performance requirements included in system design specs
    - System Functional Spec
    - System Design Review
    - Requirements have been ordered according to priority
    - Preliminary candidates identified for tradeoff analysis
    - Funding identified for out years (beyond 84)

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DCI's SCIENTIFIC AND TECHNICAL ADVISORY PANEL (STAP)

- o Tasked by DCI to look at SAFE development
  - Identified several areas of concern
    - Government control
    - Evolutionary Development
    - Real needs of users
    - SAFE unspecified or uncommunicated
    - Intelligence Community access (to DIA-SAFE, COINS/SOLIS)
    - Open source material
    - Collaborative usage (teleconferencing)
    - Compatibility

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SAFE BRIEFINGS PRESENTED DURING THE PAST QUARTER

STATINTL

- DCI Scientific and Technical Advisory Panel - 8 Feb
- Investigative Staff of House Appropriations Committee - 12 Feb
- Senior Review Panel - 20 Feb
- Technical Status Review for ODP/RSO/IRO - 29 Feb
- Defense Auditors - 4 & 11 Mar
- [REDACTED] - 10 Mar
- S&T Study Group - 12 Mar
- System Policy Council - 31 Mar

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DCI GUIDANCE FOR NEXT SEMIANNUAL MEETING

- o Encapsulated Review covering only
  - Cost
  - Schedules
  - Problems & Issues
- o Prior scrubbing by Steering Committee
- o Limited participation and time

STATUS SUMMARY

o Schedule

- Holding: Potential minor readjustments
- Strategy: Meet IOC's with reduced functions

o Cost

STATINTL

- 80 - 81 Shortfalls: Need [REDACTED] n '80  
"81 has options  
Within guidelines - extension planned

o Technical

- Heavily Committed: Simplification being worked  
Terminal  
Standard Product Use

o Management

- Under Control